## Abstract of Japanese Utility Model

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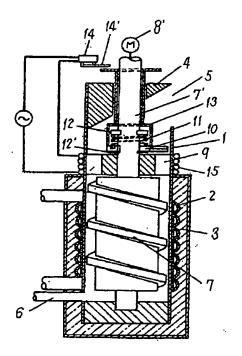
Application number: S56-015330 Date of filing: February 4, 1981 Applicant: Matsushita Refrigeration Company

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## Title: AUTOMATIC ICE MAKING MACHINE

## Abstract:

Ice making machine of the present utility model has an ice discharge hole 5 on its upper sidewall and a water supply hole 6 on its lower bottom. And the ice making machine has a rotor that has a spiral blade 7 in an ice making cylinder 1 with an evaporator 2 on its outer sidewall. The rotating spiral blade 7 scrapes icy layer that is growing on the inner wall of the cylinder 1 and the scraped icy layer is compressed into ice by the compression head 9. The compressed ice is divided into pieces by a cutter 10 positioned above the compression head 9 and discharged through the discharge hole 5. The cutter 10 is positioned on a spring 11 and made movable up and down. And a link member 13 moves up and down in accordance with the movement of the cutter 10. An electrical heater 15 is turned on by a switch 14, which is activated by the movement of the link member 13.



- 1 Ice making cylinder
- 2 Evaporator (pipe)
- 5 · Ice discharge hole
- 7 Spiral blade
- 9 Compression head
- 10 Cutter
- 11 Spring
- 13 Link member
- 14 Switch
- 15 Electrical heater